

Appl. No. 09/040,560

Reply to Office Action mailed Jan. 30, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (presently amended) An information signal device connected to a network, comprising:

at least one object for generating messages concerning events occurring in the information signal device, wherein said messages have specified and unspecified destinations;

an event manager for directing the messages generated by the at least one object to destinations inside and outside the information signal device;

a network messenger for transmitting the generated messages generated by the object to a specified destination on the network directed by the event manager;

an information broadcasting devicea broadcast manager for broadcasting the generated messages generated by the object having unspecified destinations to the network as directed by the event manager, and

wherein the messages generated by the object are delivered without any discrimination by the object as to whether the destinations of the messages are outside or inside the information signal device by exchanging the messages with the event manager in a one-to-one communication, and wherein the at least one object does not discriminate whether the destinations of the messages are outside or inside the information signal device.

2. (presently amended) An information signal device according to Claim 1, wherein the information broadcasting devicebroadcast manager broadcasts each message with reference information attached thereto, the reference information changing according to a predetermined sequence at each message broadcasting, and holds the broadcast messages and transmits the held messages in response to a transmission request from the event manager.

3. (presently amended) An information signal device according to Claim 1, wherein the information broadcasting devicebroadcast manager also receives broadcast messages from

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the network, and recognizes a change in reference information attached to the a broadcast message received from the network, and requests a sender of the broadcast message to retransmit the message in response to a result of the recognition.

4. (presently amended) An information signal device according to Claim 2, wherein the ~~information broadcasting device~~broadcast manager broadcasts, in a predetermined repetition period, verification information having a predetermined relationship with the reference information.

5. (presently amended) An information signal device according to Claim 4, wherein the ~~information broadcasting device~~broadcast manager deletes the held message at a moment a duration longer than twice the predetermined repetition period elapses.

6. (presently amended) An information signal device according to Claim 3, wherein the ~~information broadcasting device~~broadcast manager receives broadcast messages from the network, and also receives verification information transmitted to the network, and requests a device, which has transmitted the verification information, to transmit the message when there is no predetermined relationship between the received verification information and the reference information attached to the received message.

Claims 7-11 (canceled).